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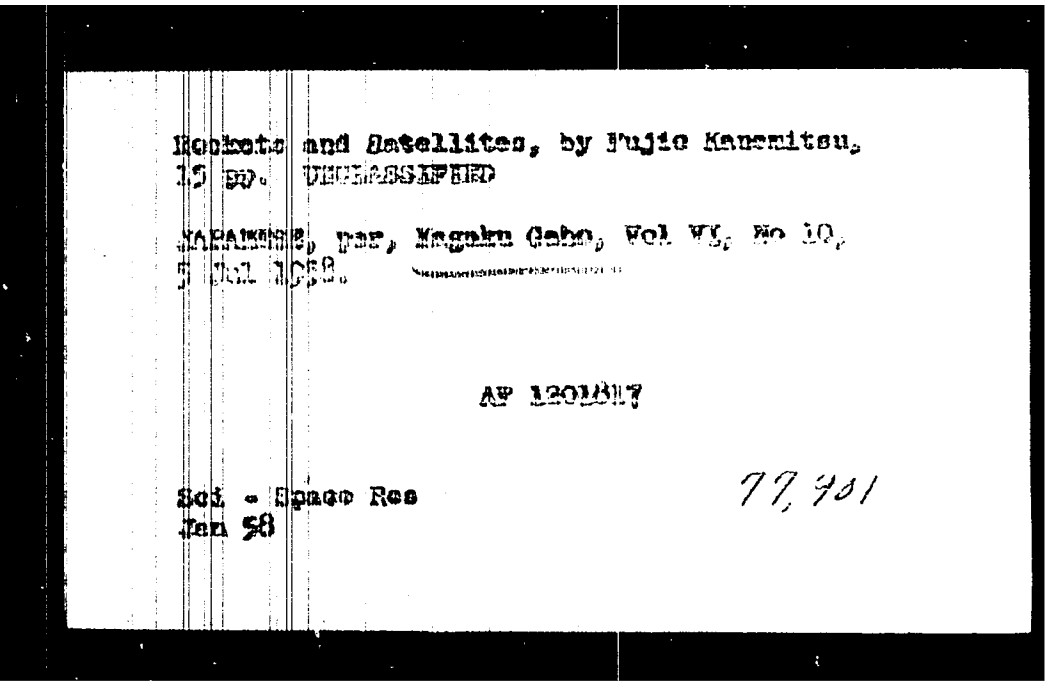

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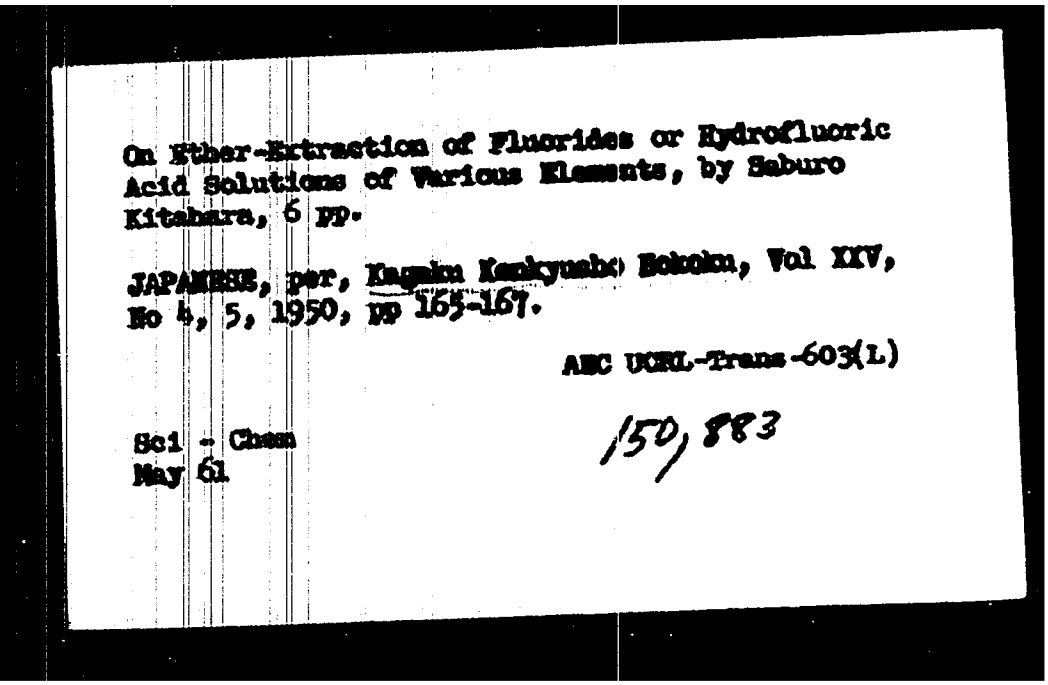

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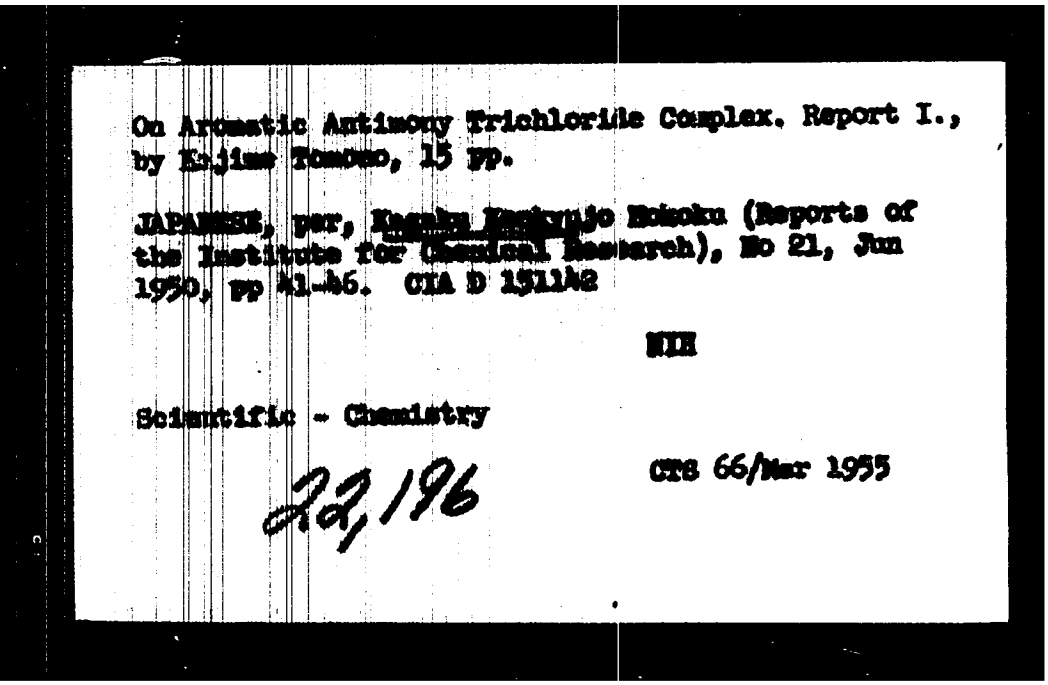

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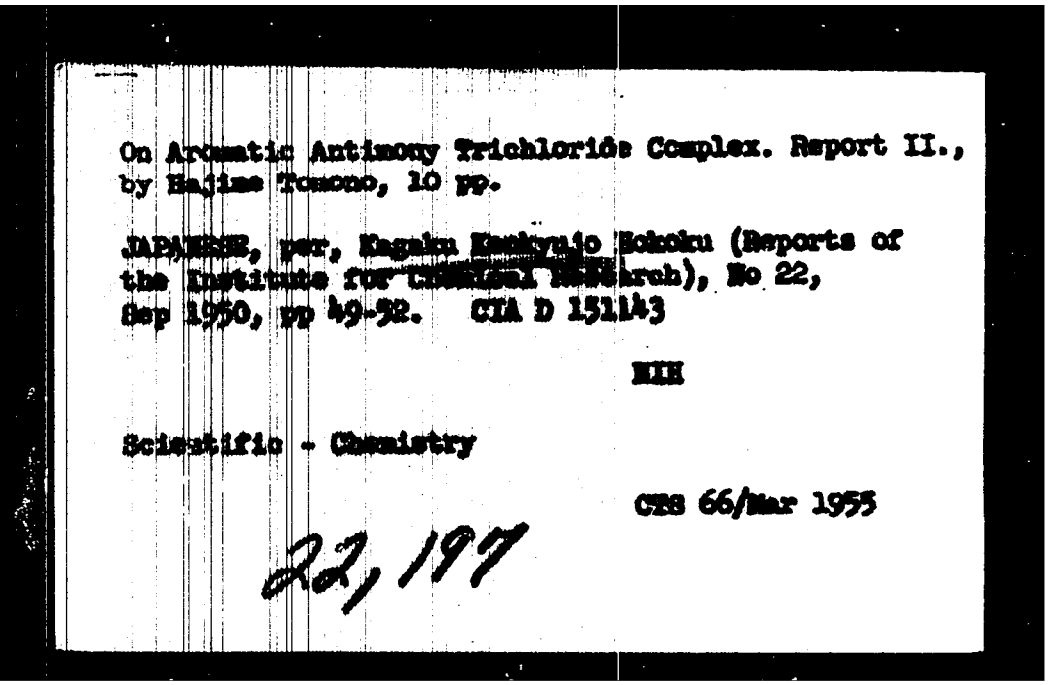

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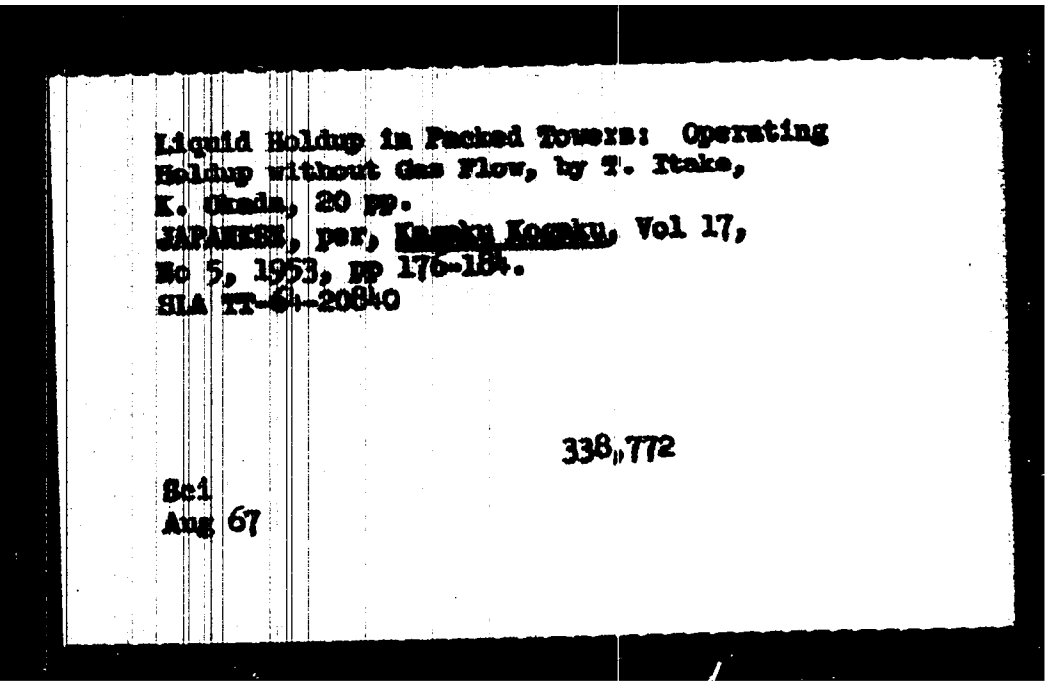

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SLA TT-64-20840

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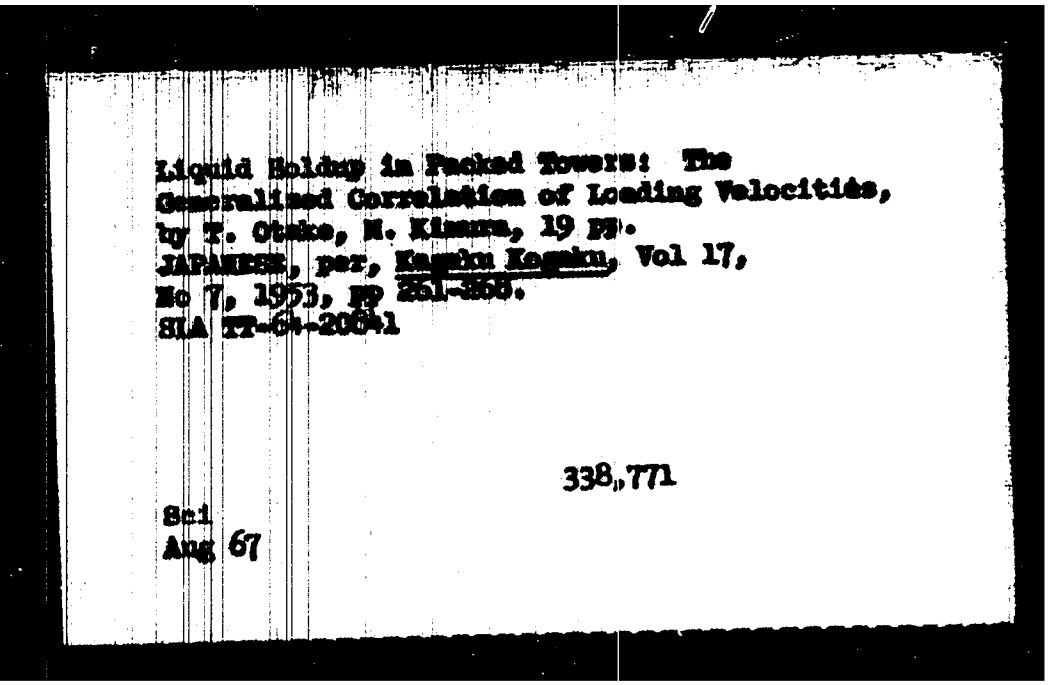

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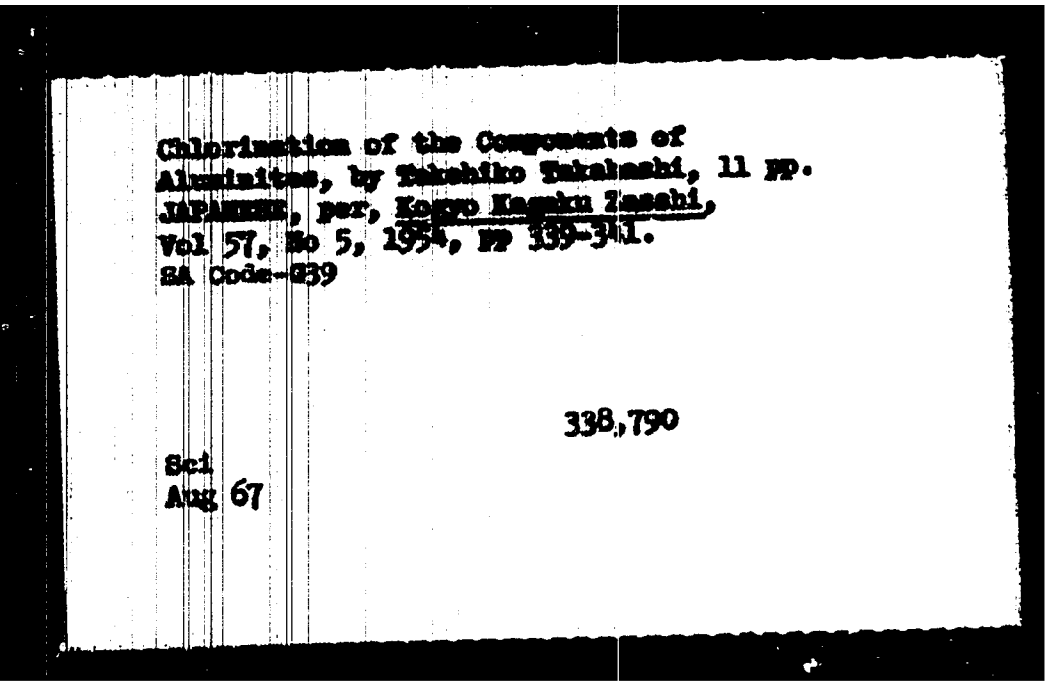

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SA Code-239

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TT-64-14701
Order from SLA $2.60

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(Engineering--Chemical, TT, v. 11, no. 12)

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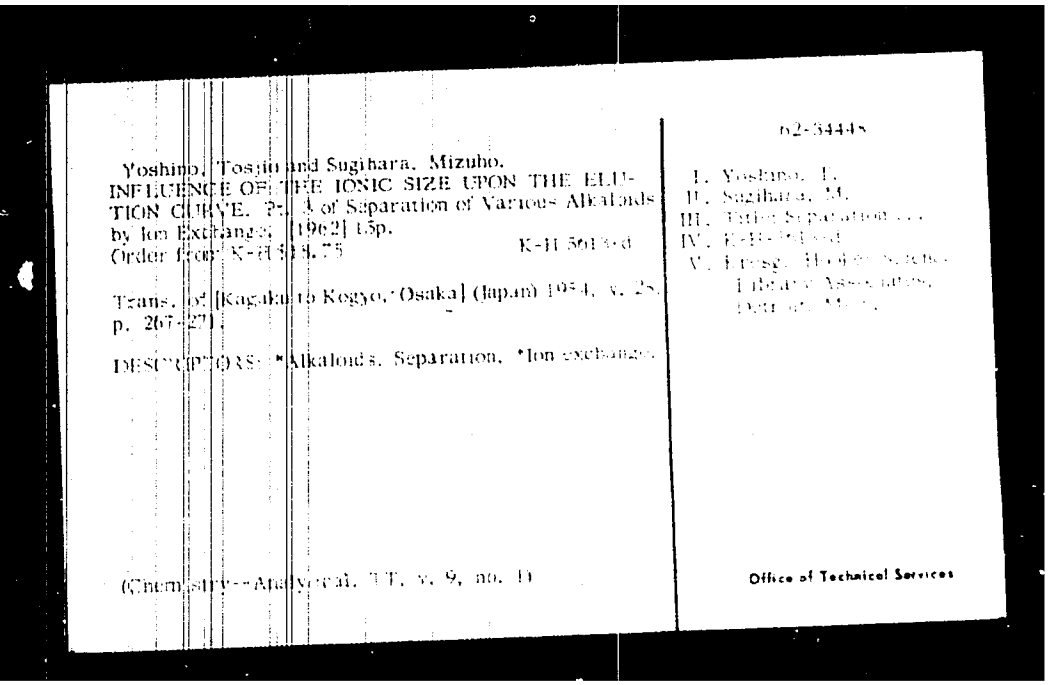

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Order from: K-H 501 3-d K-H 501 3-d

Trans. of [Kagaku to Kogyo, Osaka] (Japan) 1954, v. 28, p. 267-271

DESCRIPTORS: *Alkaloids, Separation, *Ion exchange.

(Chemistry--Analytical, TT, v. 9, no. 1)

62-34448

I. Yoshino, T.
II. Sugihara, M.
III. Title: Separation ...
IV. K-H-3-d
V. Transl. Hydro Systems Library Network, Univ. of ...

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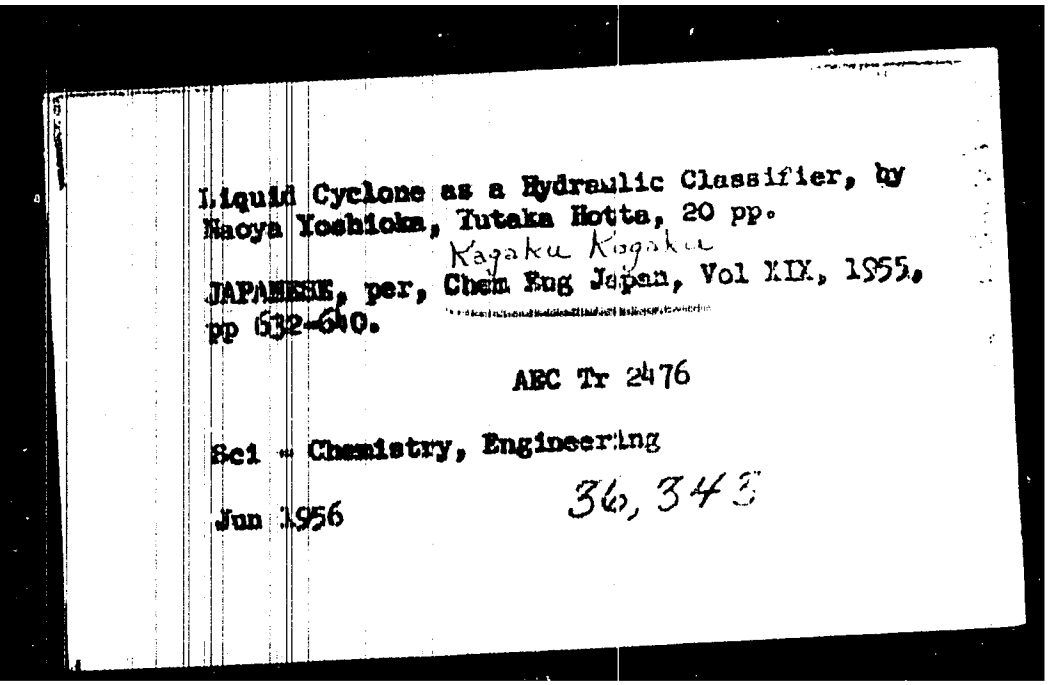

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AEC Tr 2476

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Siemes, W. and Kauffmann, J. F.
THE PERIODIC DEVELOPMENT OF GAS BUBBLES ON NOZZLES. [1962] 30p. 3 refs.
Order from SLA $2.60 62-16649

Trans. of Chemical Engineering Science (Gt. Brit.) 1956, v. 5, p. 127-139.

DESCRIPTORS: *Hydrodynamics, *Nozzles, Fluid flow, *Bubbles, Periodic variations, Gases, Velocity, Density, Surface tension, Viscosity, Equations, Stroboscopes.

The volumes of gas bubbles, developed at small gas velocities on vertical, circular nozzles in liquids, were measured by using a stroboscope. Along with changing the gas velocity, the effects of variation of density, surface tension and viscosity of the liquid as well as the inner diameter and wall thickness of the nozzles were investigated. The formation of the gas bubbles in liquids
(Mechanics--Hydrodynamics, TT, v. 9, no. 5) (over)

62-16649

I. Siemes, W.
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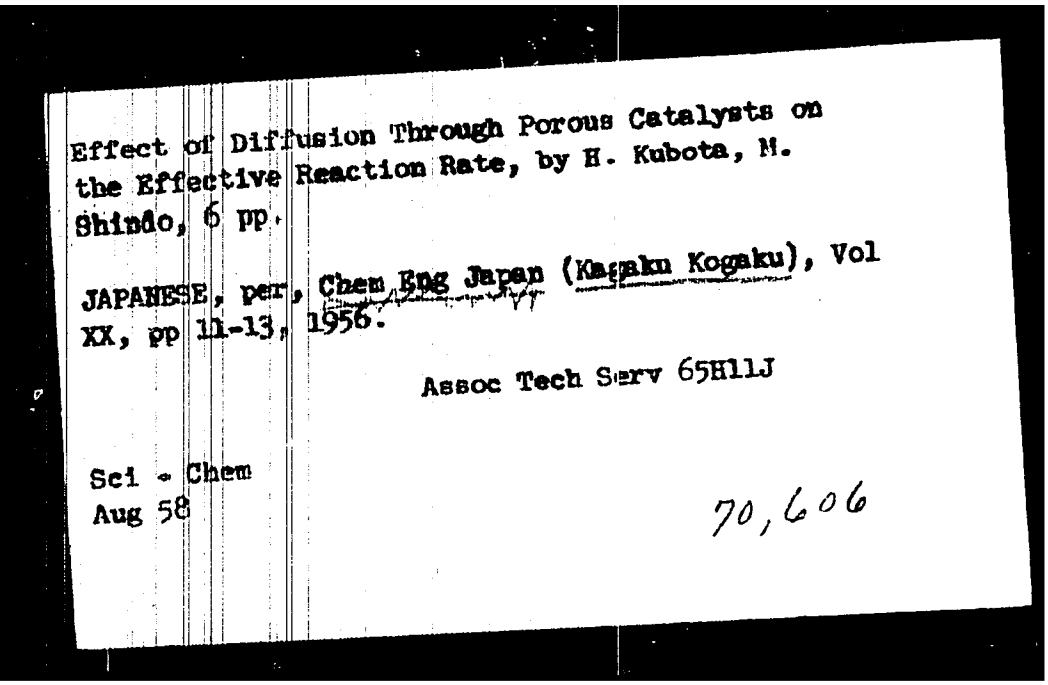

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Assoc Tech Serv 65H11J

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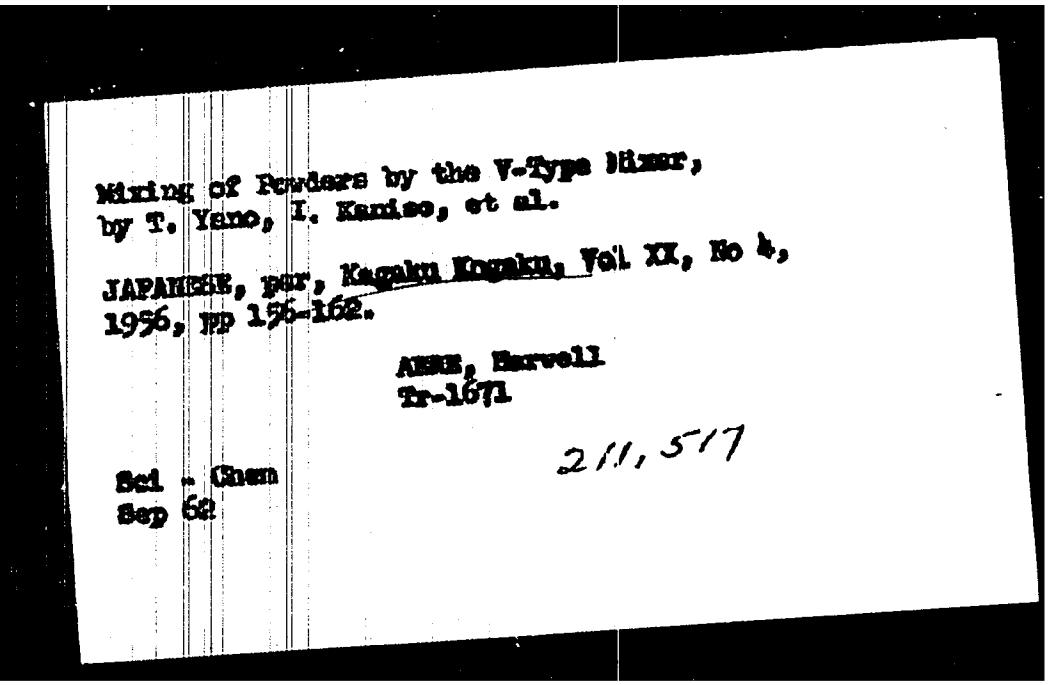

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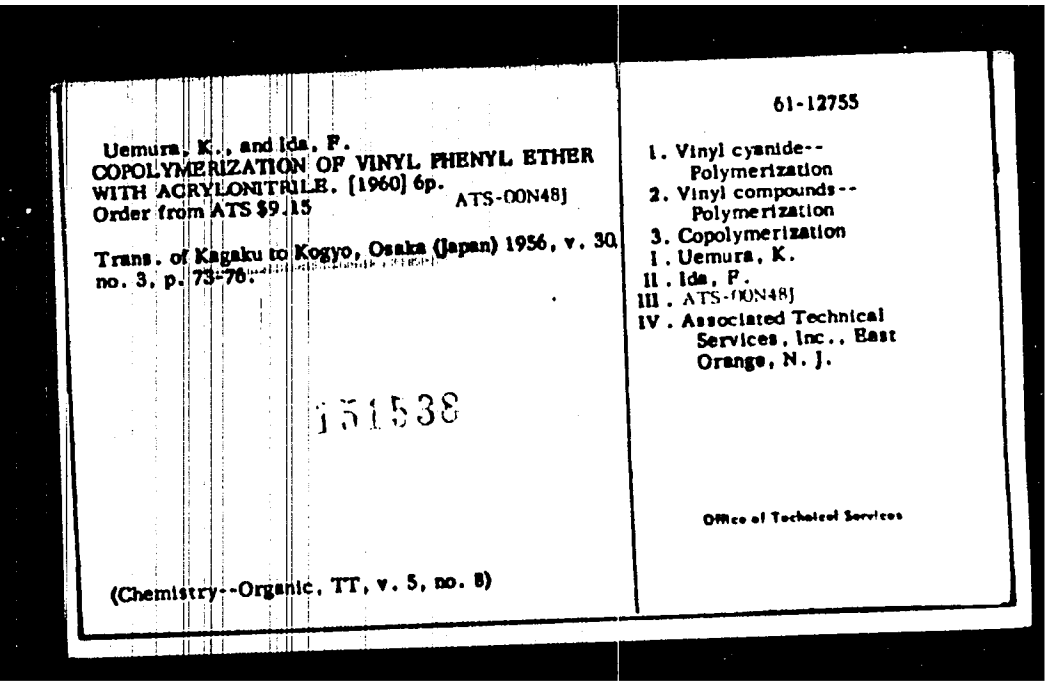

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Order from ATS $9.15 ATS-00N48J

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2. Vinyl compounds--Polymerization
3. Copolymerization
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II. Ida, F.
III. ATS-00N48J
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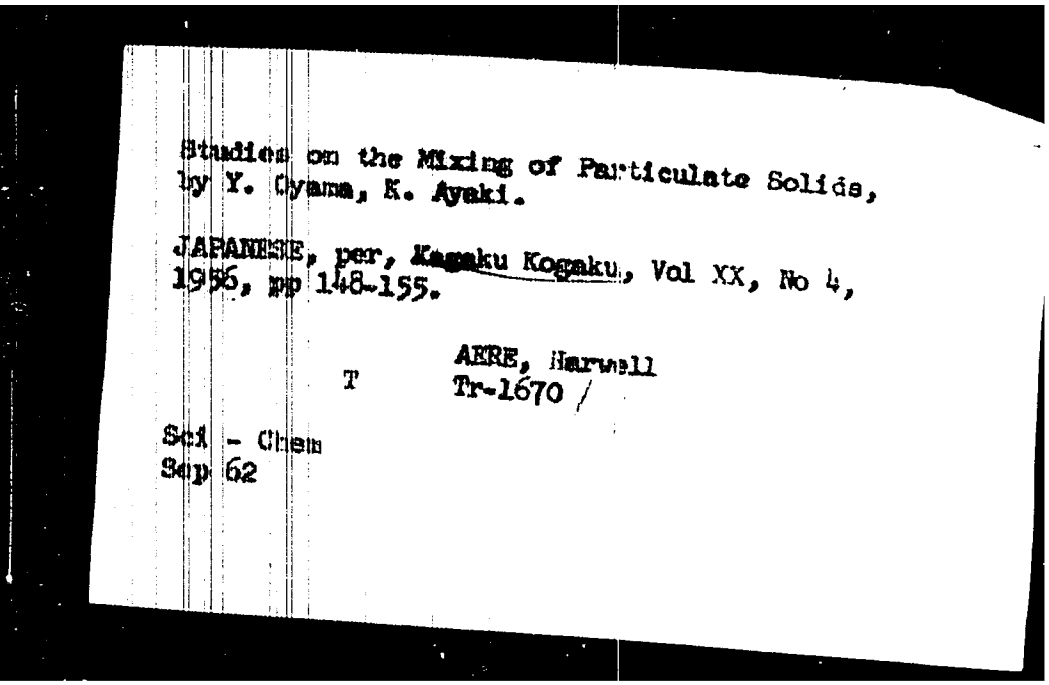

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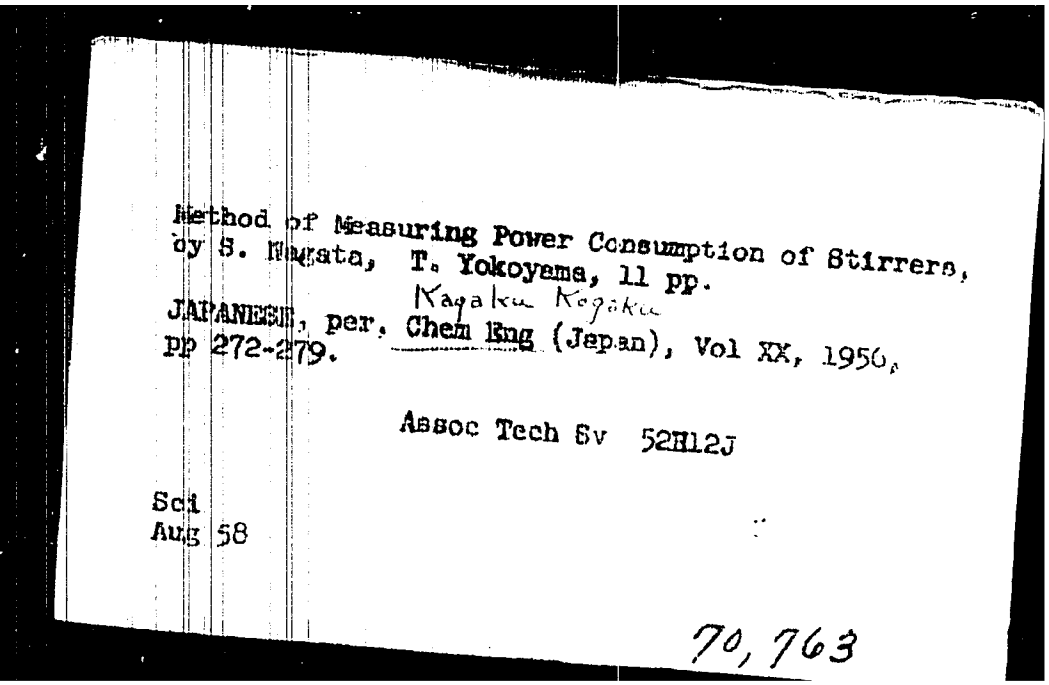

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KINETICS OF THE CATALYTIC HYDROGENATION OF 2-ETHYLHEXENE-2-AL-1 IN THE VAPOR PHASE. [1962] [9]p. 2 refs.
Order from SLA $1.10 62-18927

Transl. of Kagaku [Kogaku] (Japan) 1957, v. 21, p. 721-726.

DESCRIPTORS: *Plasticizers, Ethyl radicals, Cyclohexenes, *Aldehydes, Vapors, Hydrogenation, Catalysis, Reaction kinetics, Graphic analysis, Tables.

Reaction rate equations for isobaric gaseous hydrogenation of 2-ethyl-hexene-2-al-1 were obtained. An equation was deduced for obtaining the optimum reaction temperature for each rate of conversion. By effective application, the most economical industrial apparatus can be designed. The results of a sample experiment are shown.
(Chemistry-Physical, IT, v. 10, no. 1)

62-18927

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II. Yada, S.

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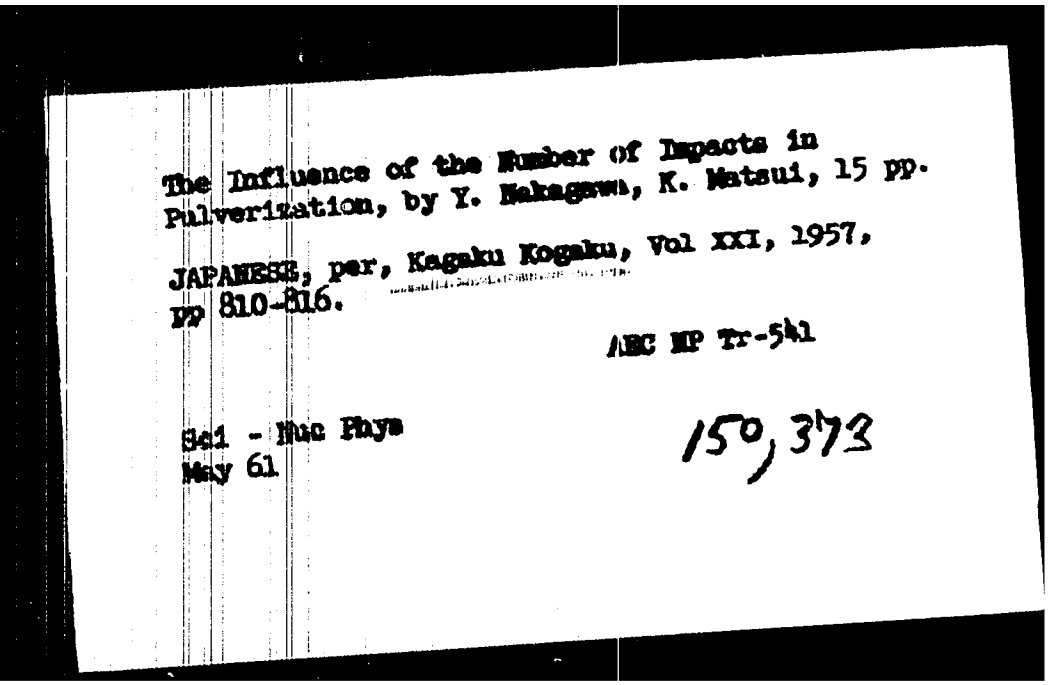

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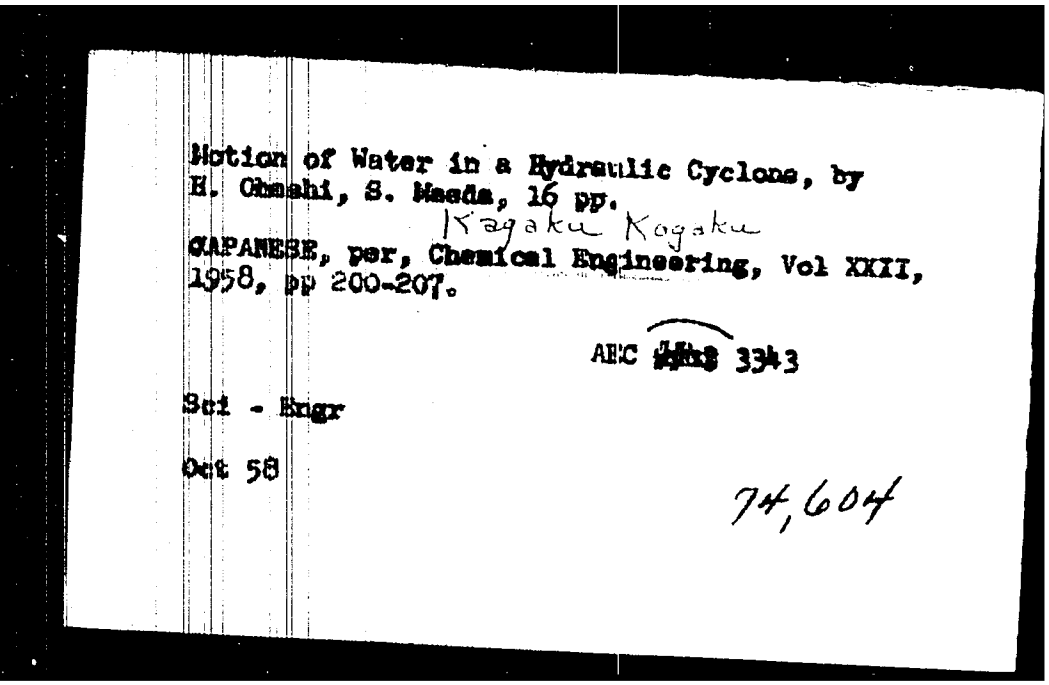

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